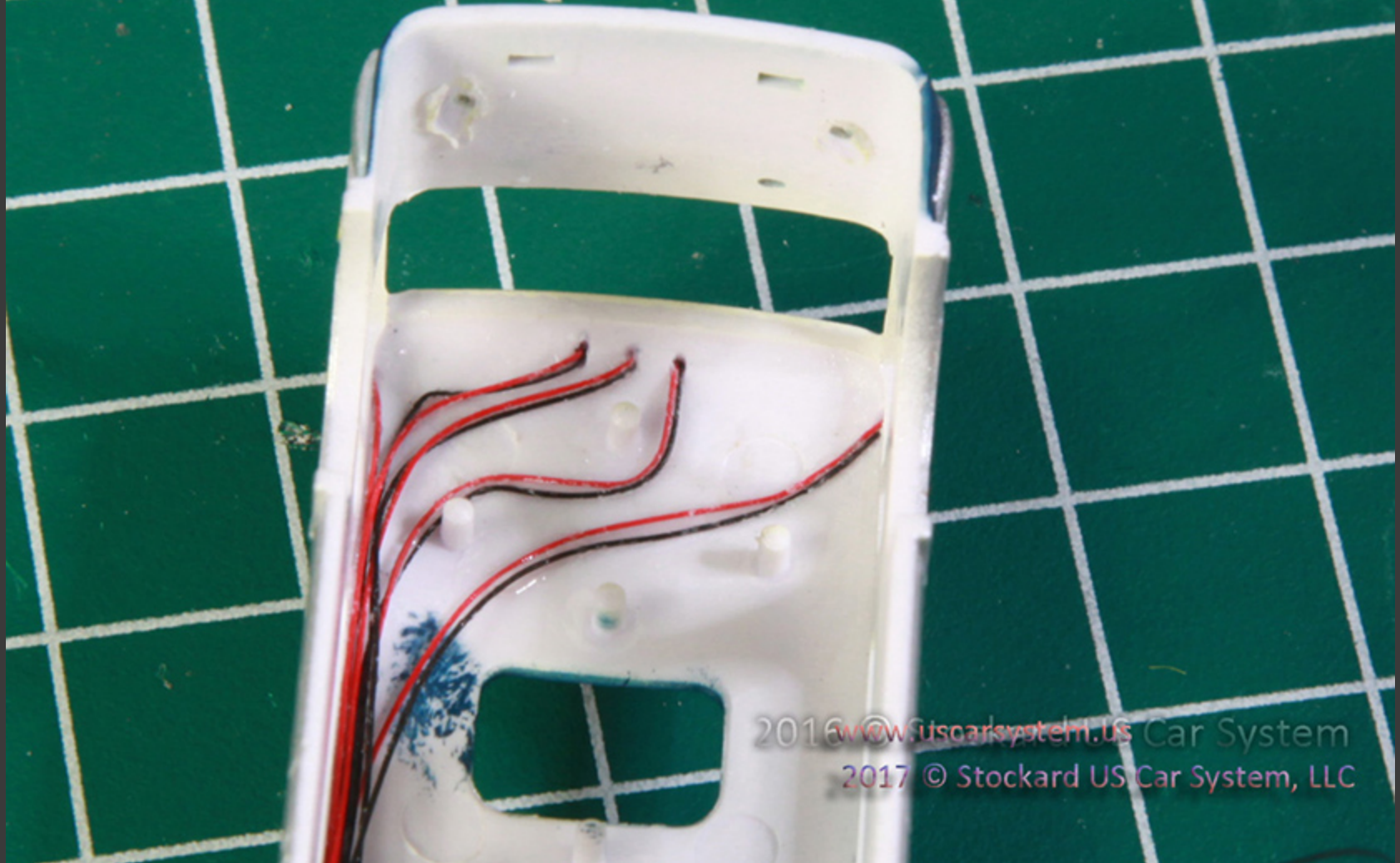


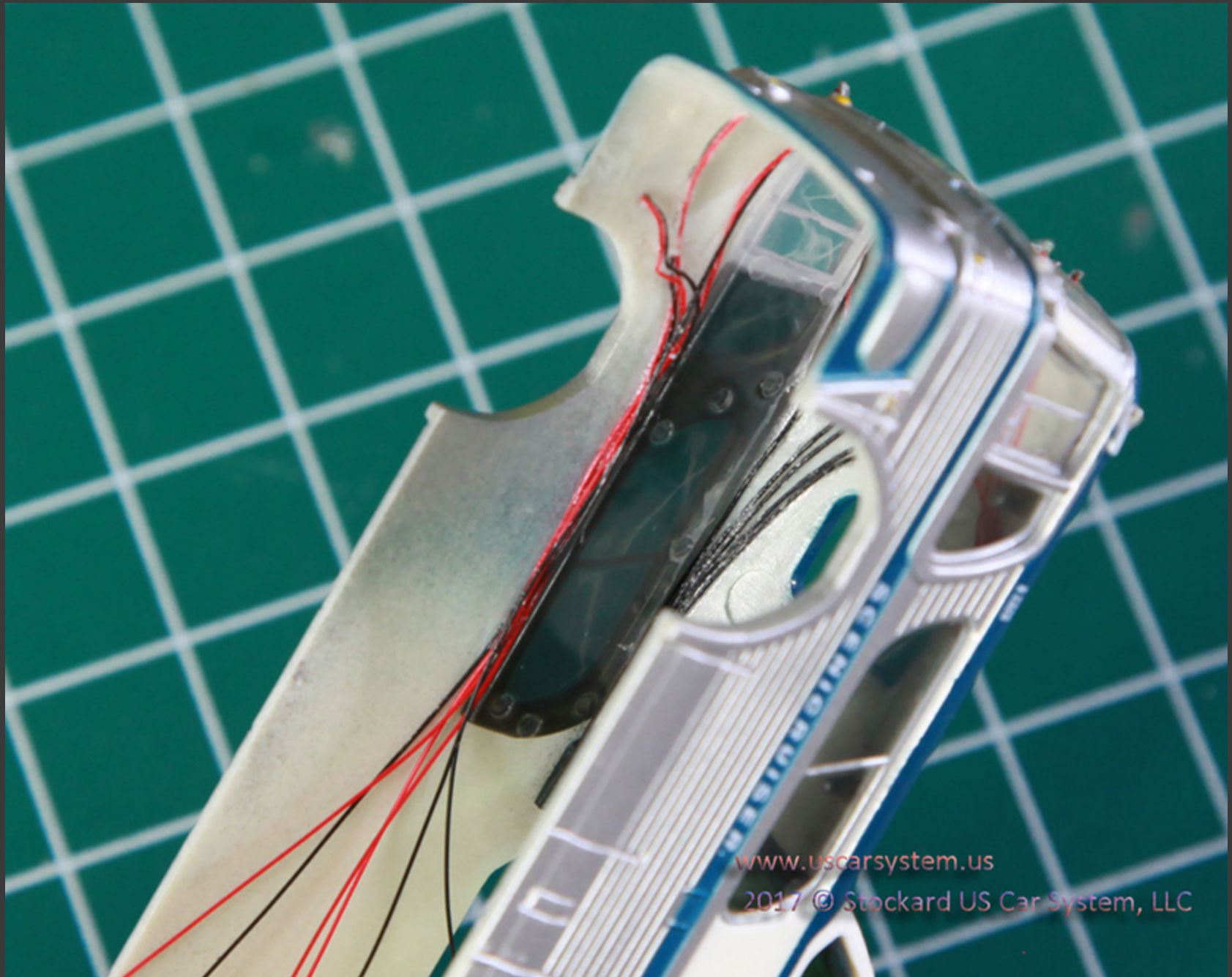
We want to organize the wiring as much as possible.  
These photos are intended to help with that.



These are the Running (clearance) lights after being glued to the roof. All the RED wires will be eventually connected to the common soldering pads or holes on the "ChipCar" PC Board.



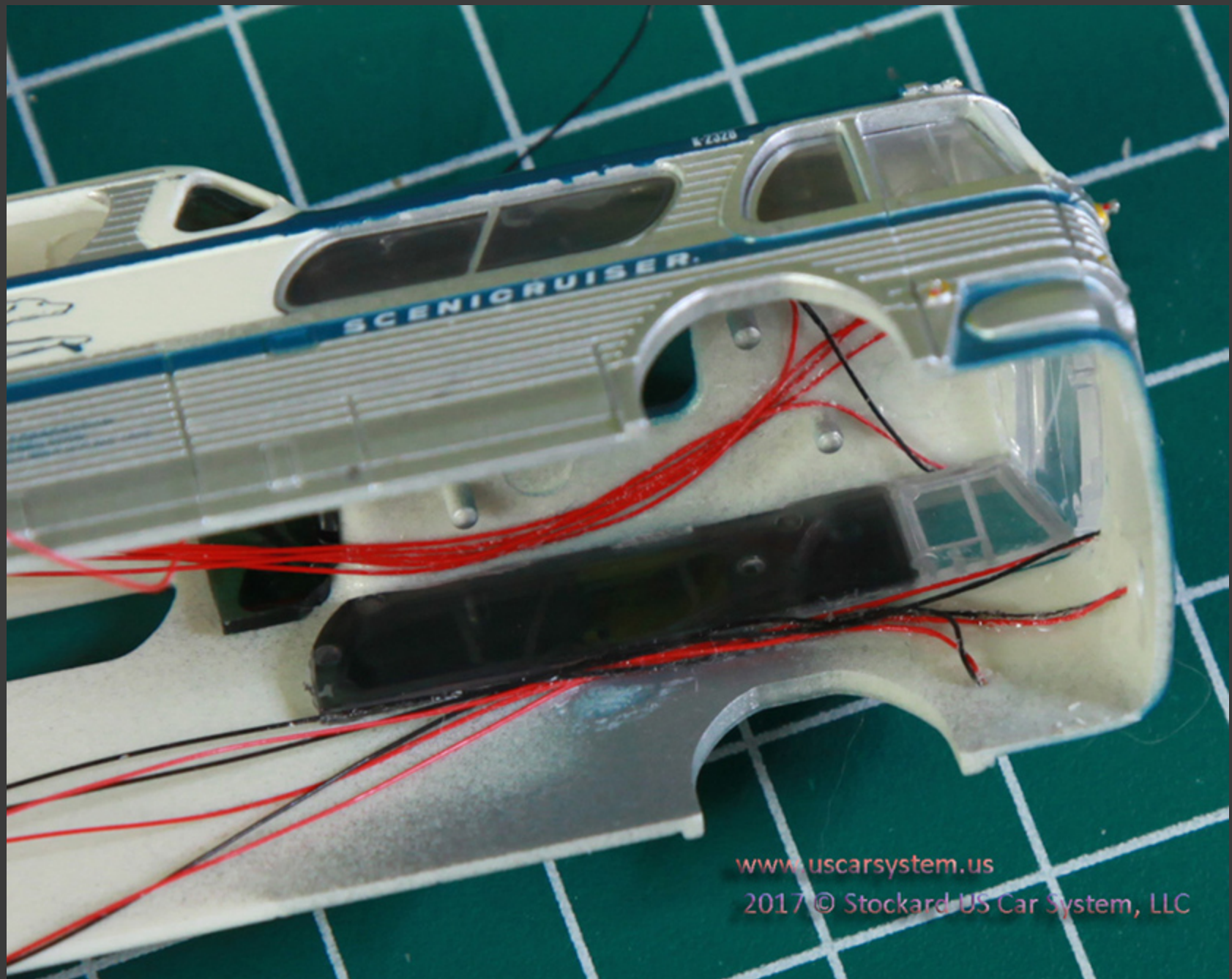




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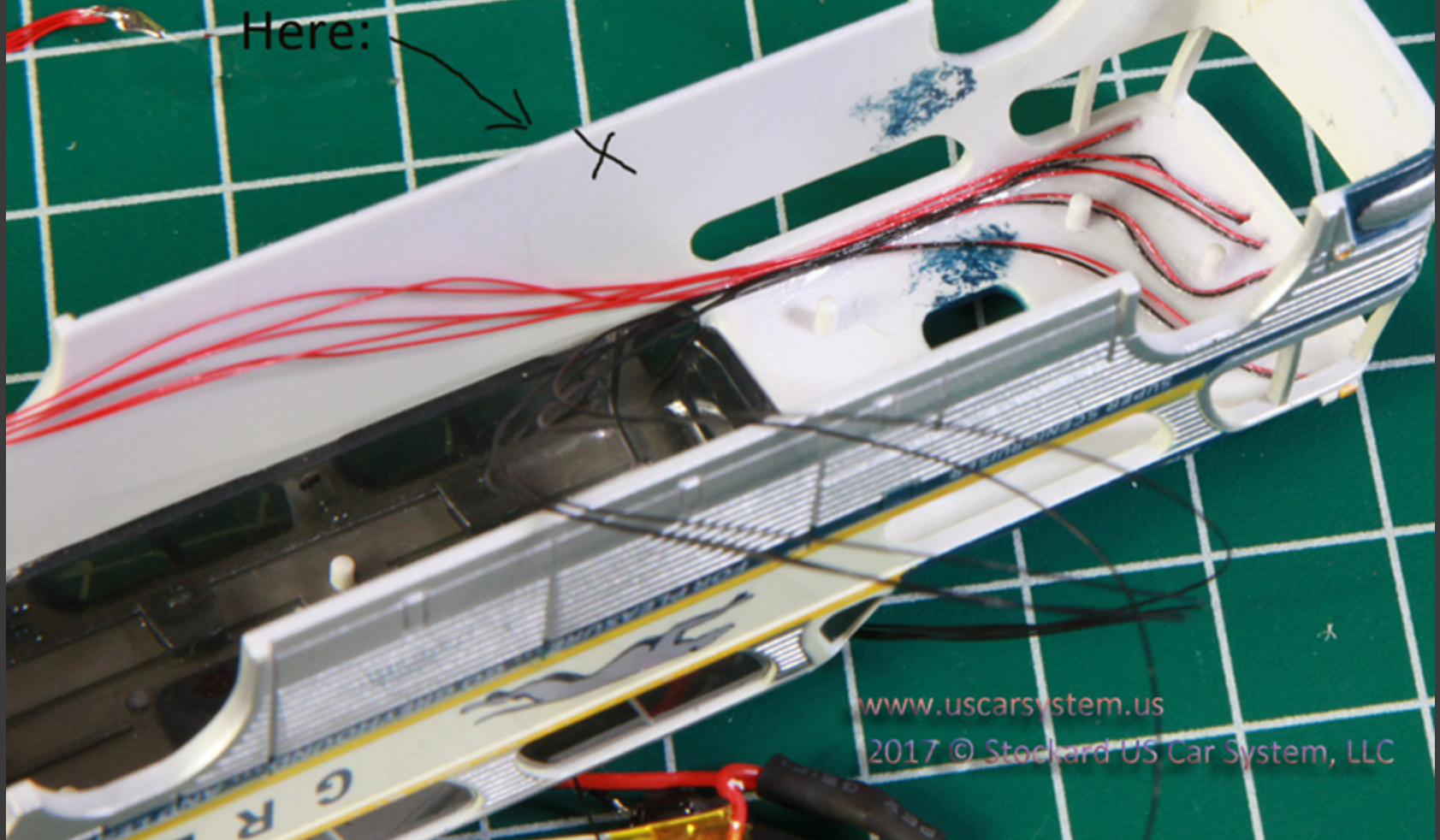
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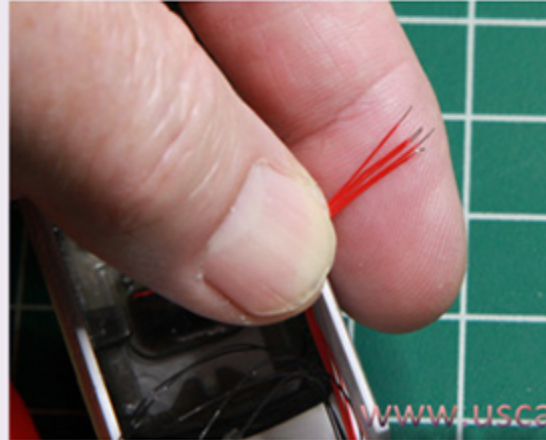
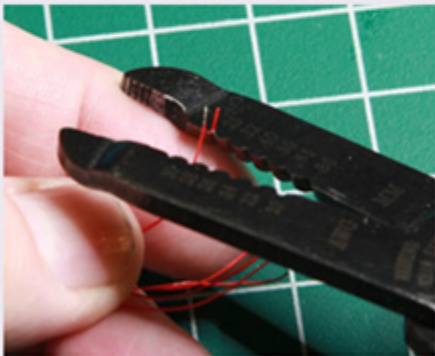
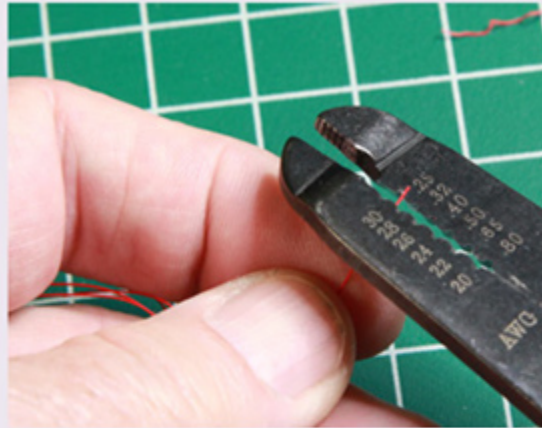
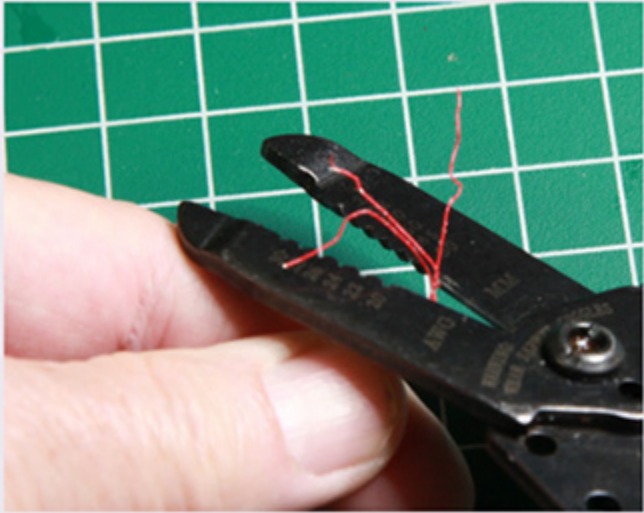
The RED and BLACK are separated out and cut about 1 inch above the body frame just about where the upper windshield is located.

Here:



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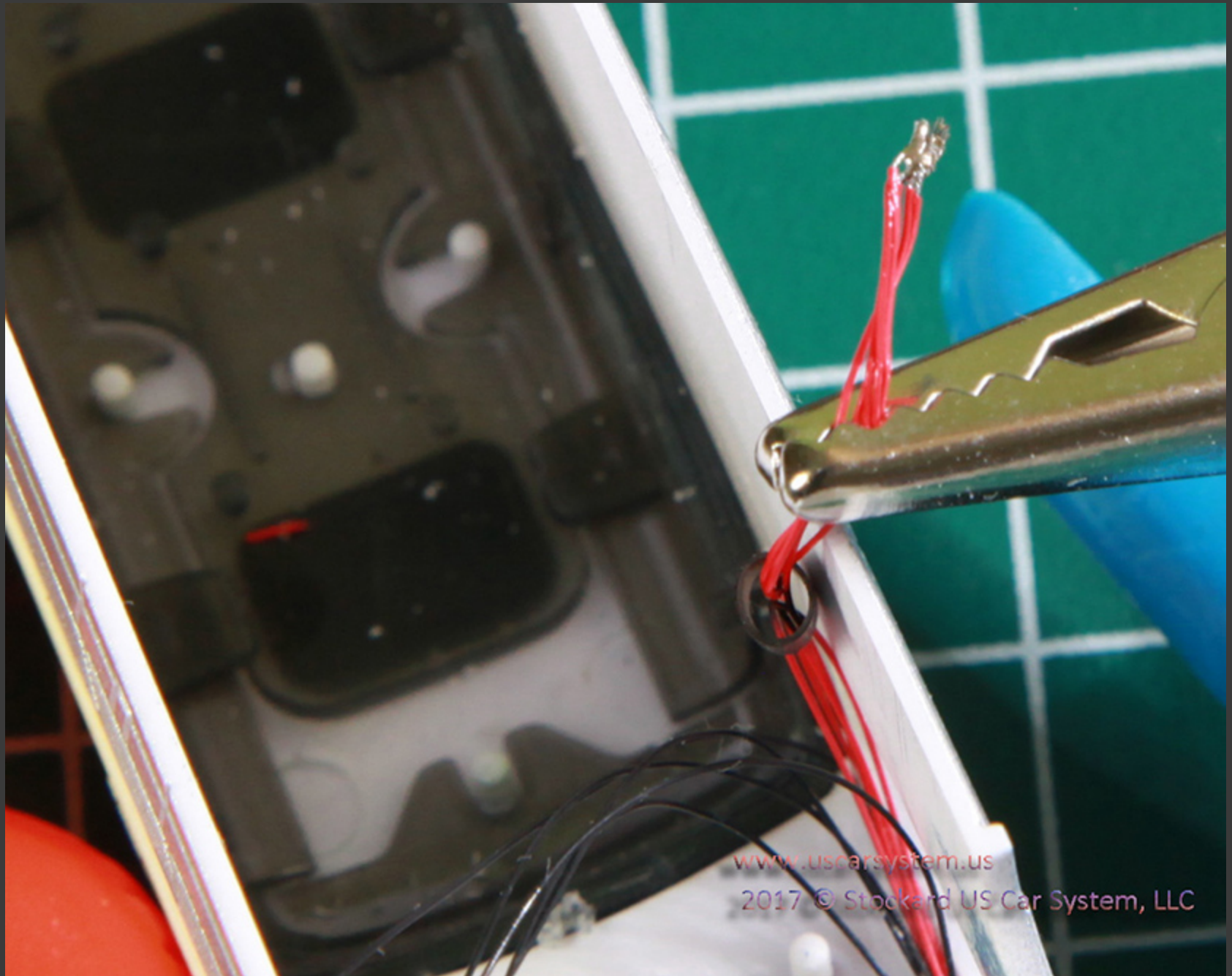


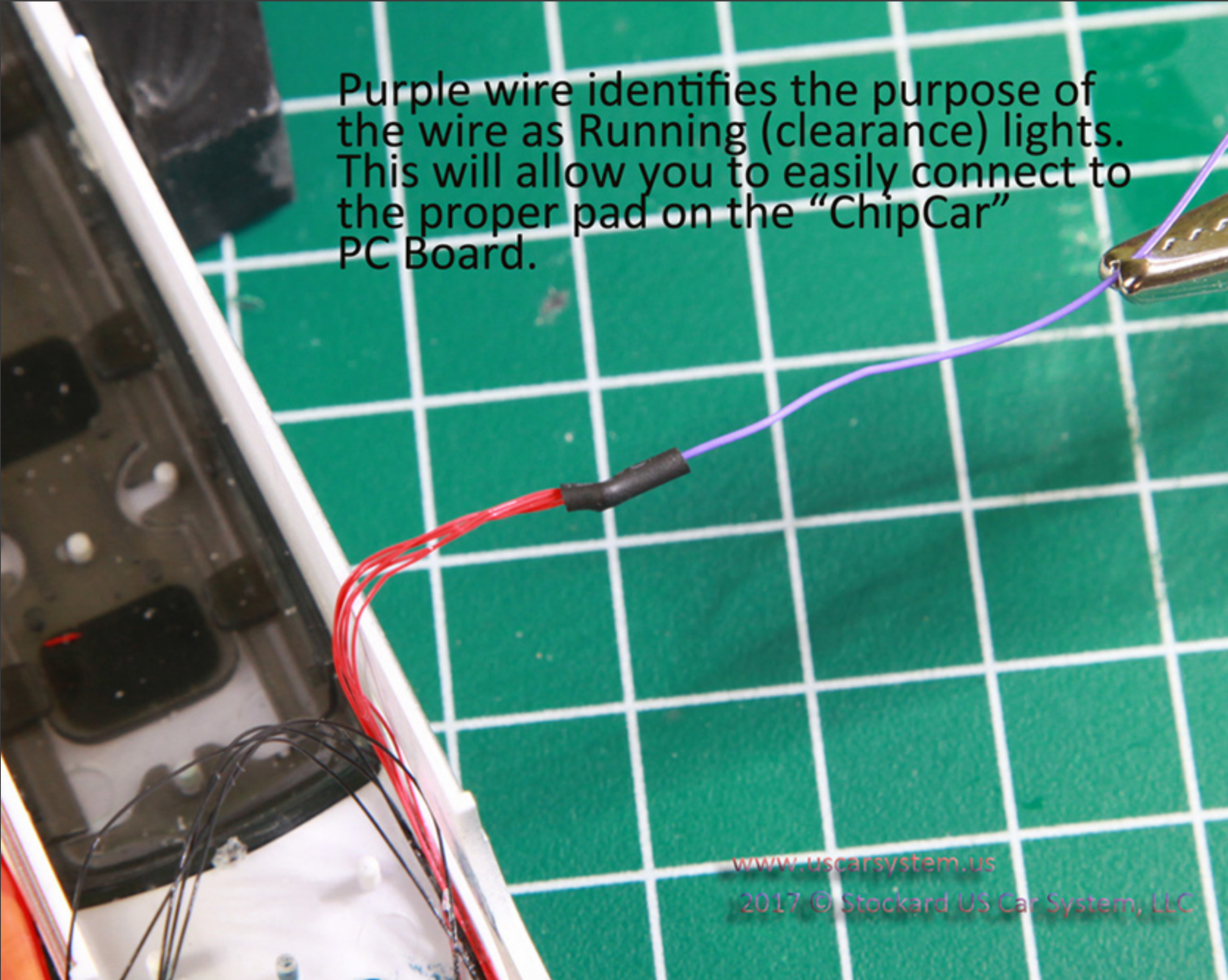
Cut wire  
at 1 inch  
outside the  
bus body  
then strip to  
wire wrap  
and solder  
together.

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Purple wire identifies the purpose of the wire as Running (clearance) lights. This will allow you to easily connect to the proper pad on the "ChipCar" PC Board.

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# Wire Color Code Key

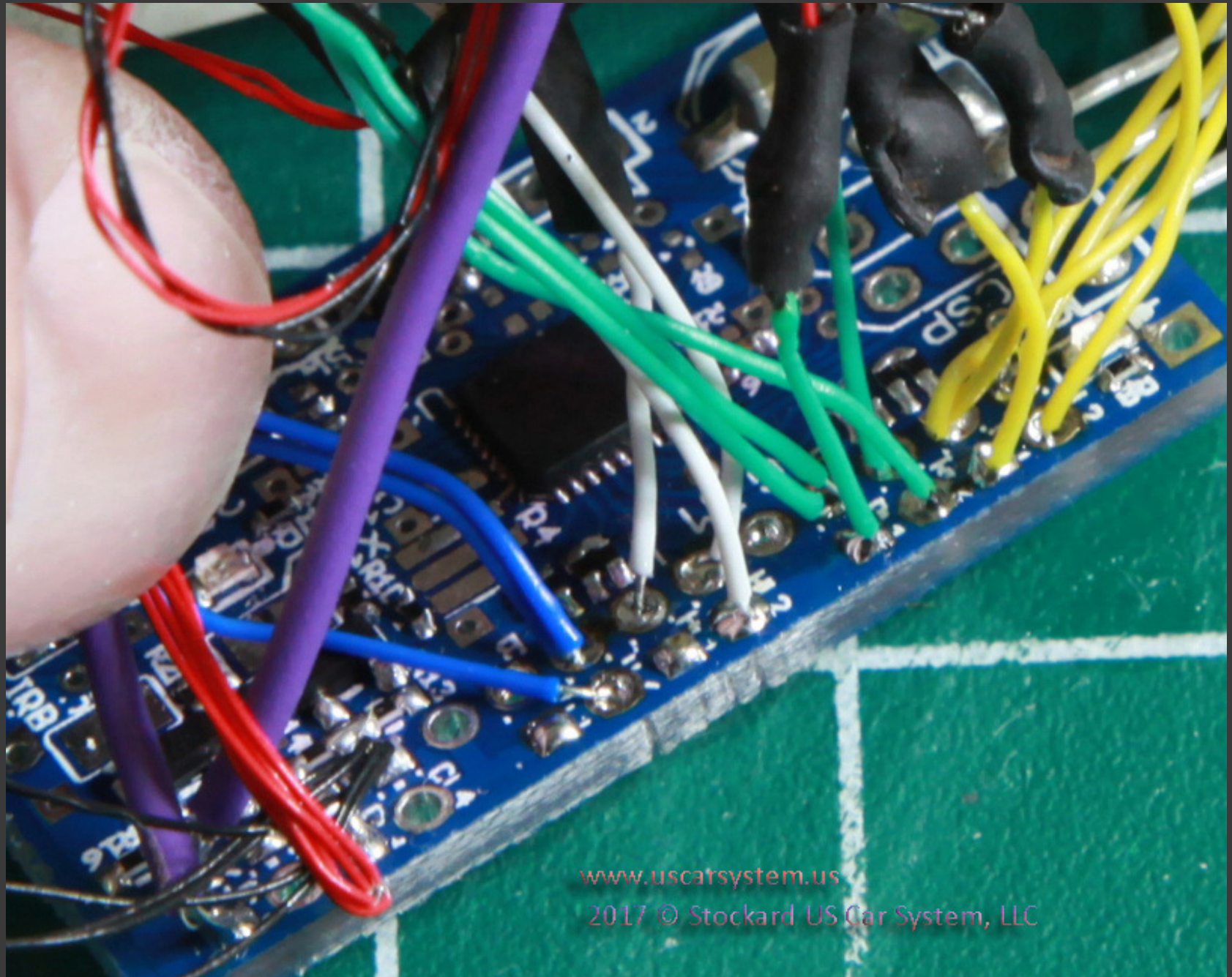
LED Wire (Wire Color)	Purpose (Wire Color)	LED Color	PCB Connect Point
RED	Common (Ground)	All	Top Row
Black	Left Turn	0402 Yellow (Front) Red (Rear)	Y Y
Black	Right Turn	0402 Yellow (Front) Red (Rear)	G G
Black	Running (clearance)	0402 Yellow (Front) Red (Rear)	P <sub>1</sub> P <sub>2</sub>
Black	Brake	0603 Red (Left) Red (Right)	B B
Black	Headlights	0603 White (Left) White (Right)	W W
Battery +			Left SW
Battery -			Right Bat
Motor			Left MOT
Motor			Right MOT

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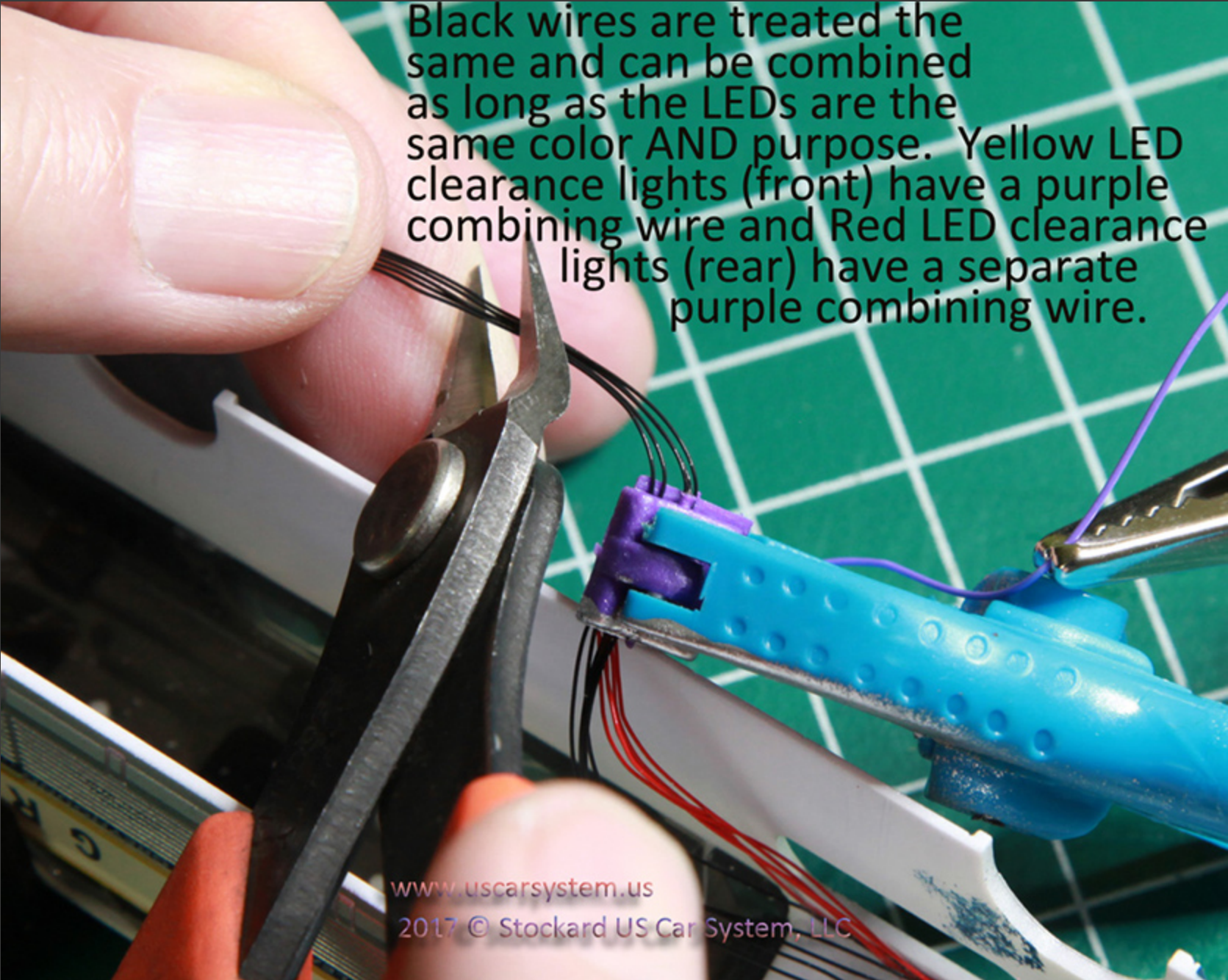




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Black wires are treated the same and can be combined as long as the LEDs are the same color AND purpose. Yellow LED clearance lights (front) have a purple combining wire and Red LED clearance lights (rear) have a separate purple combining wire.

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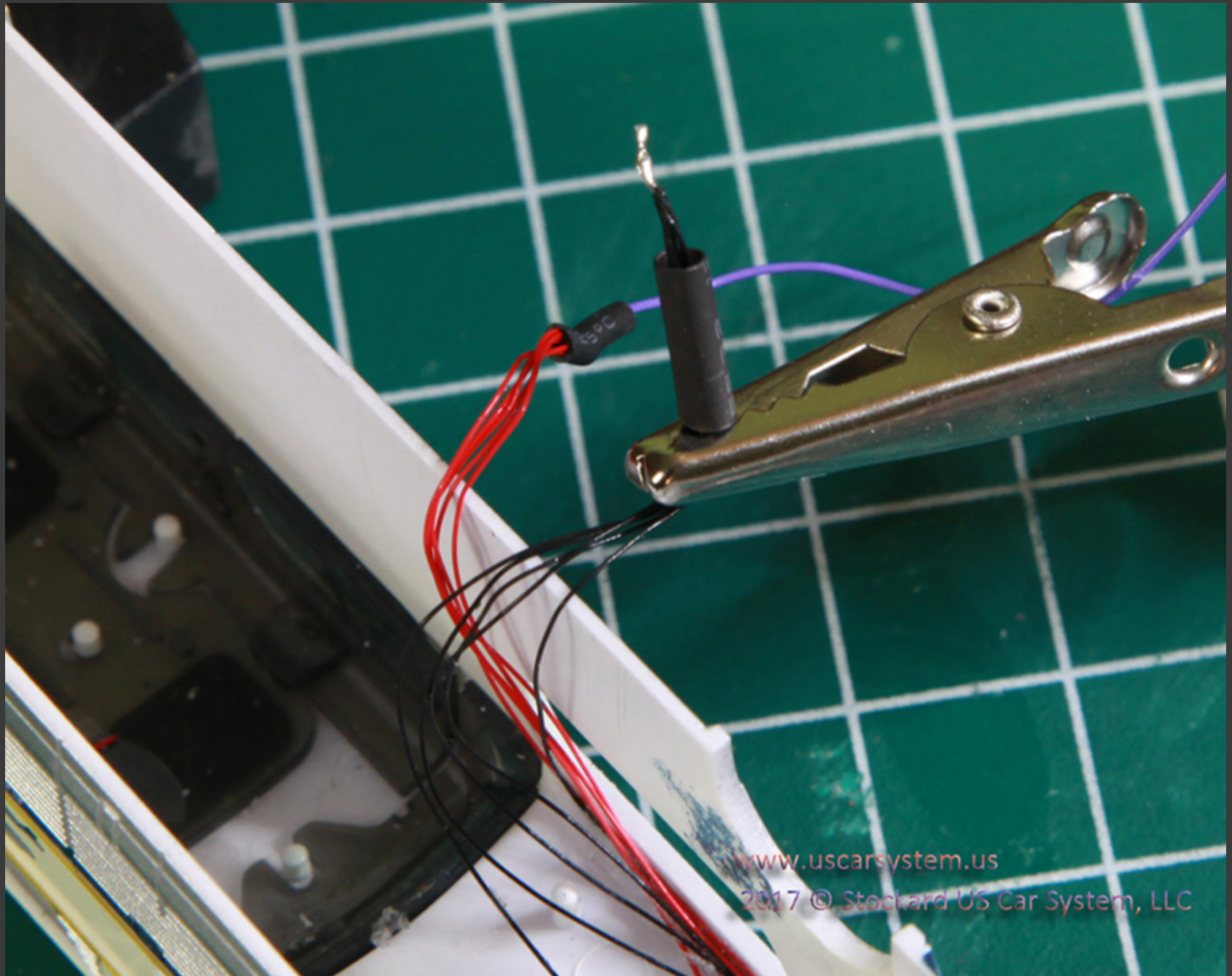
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Heat shrink added

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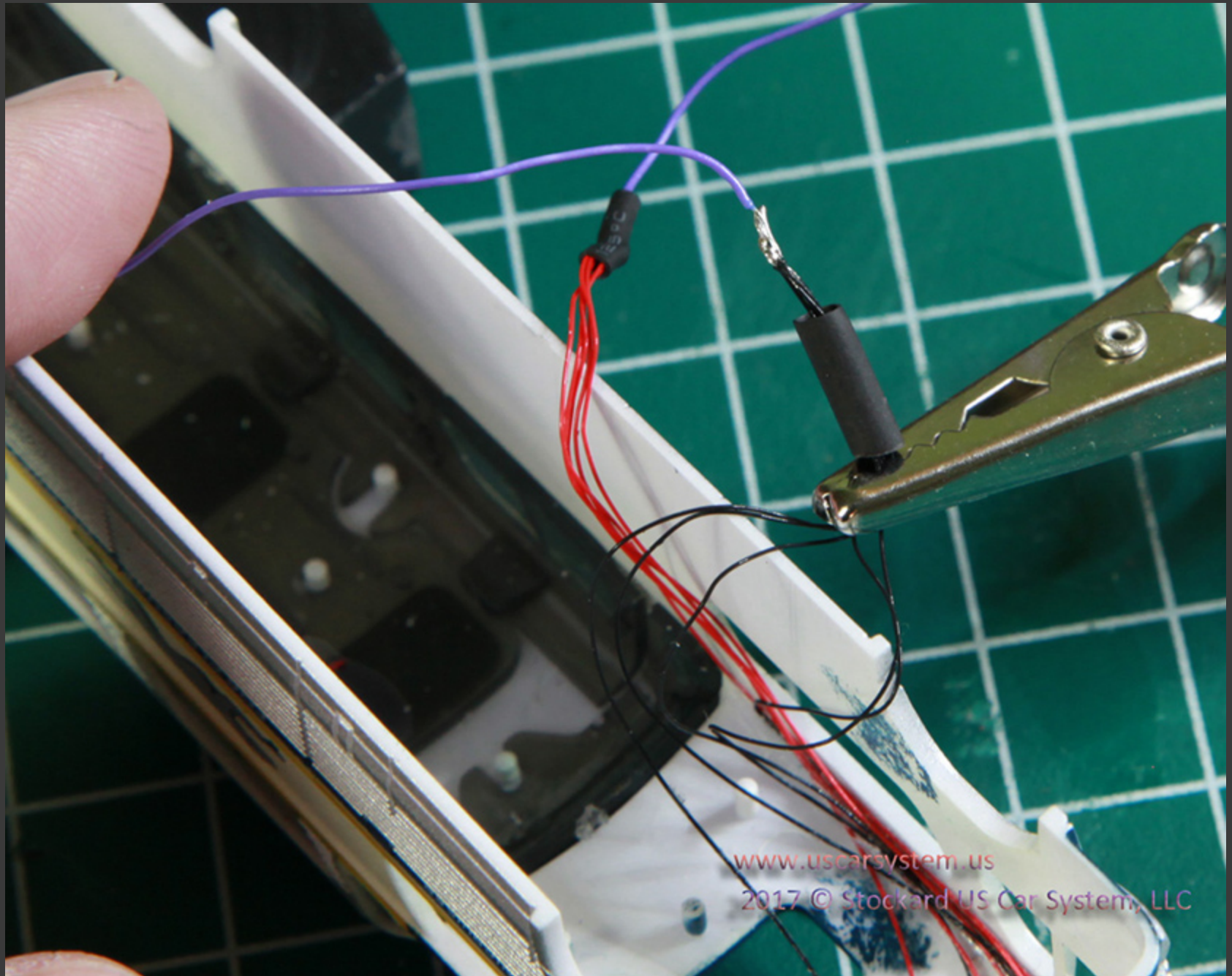
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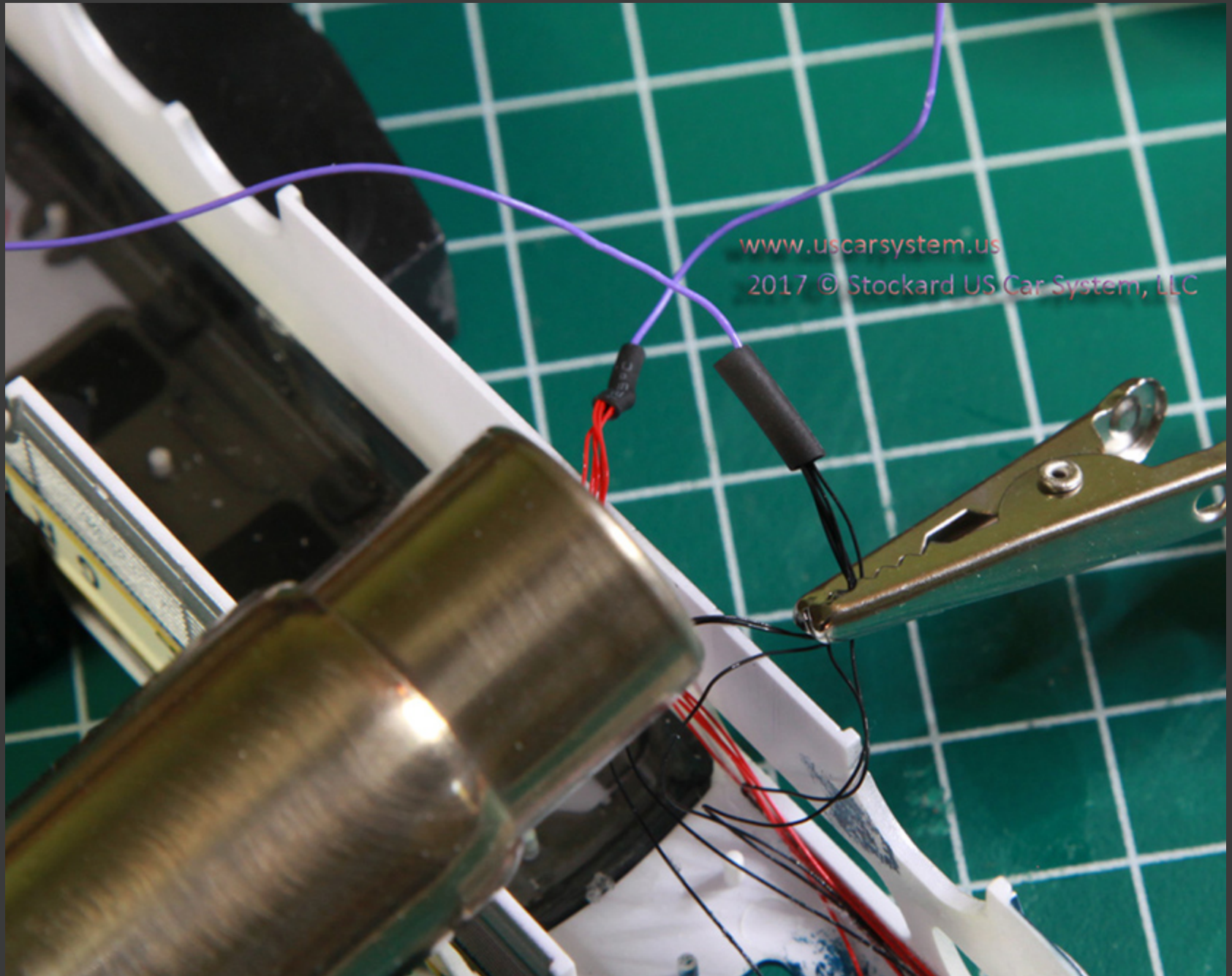
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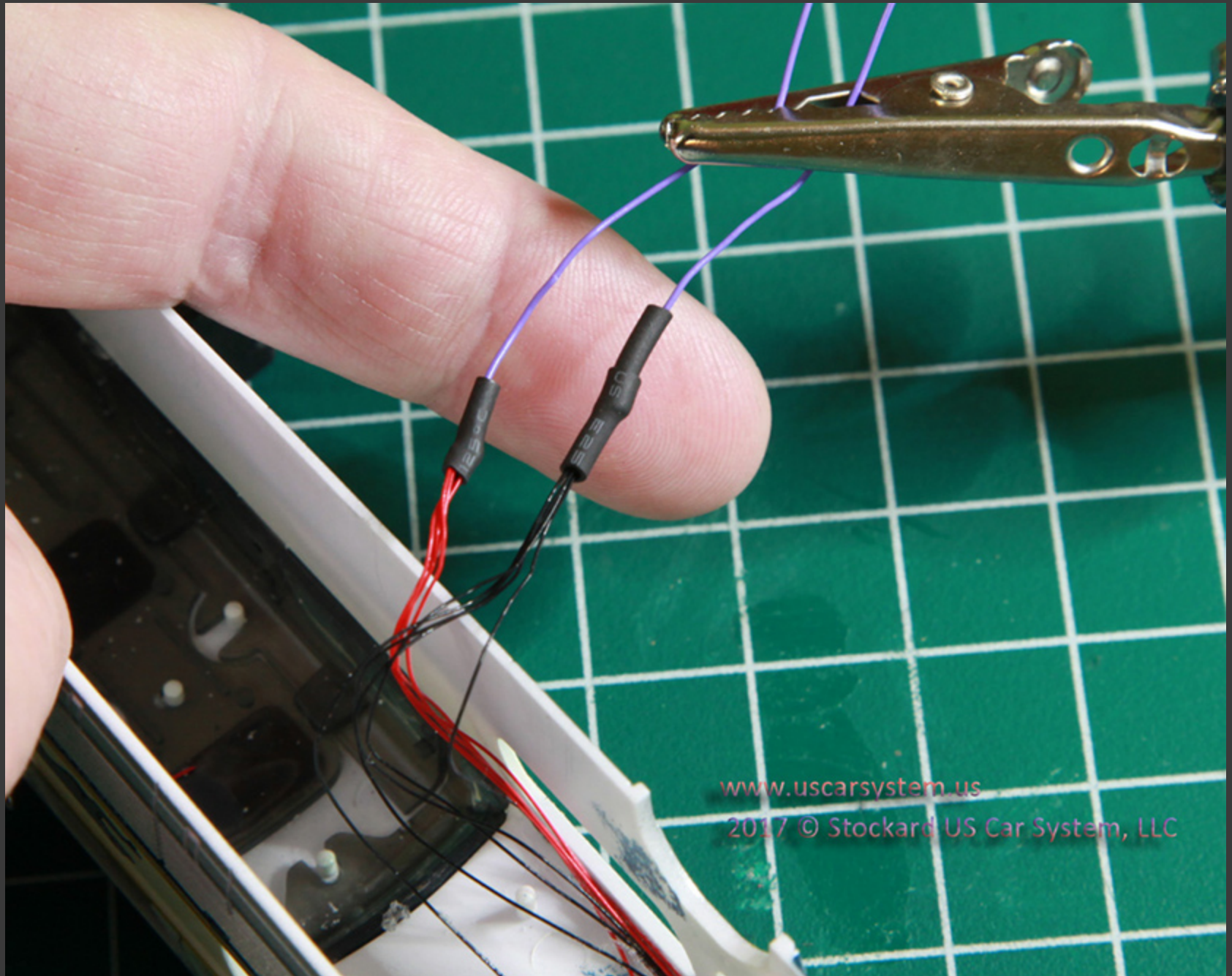
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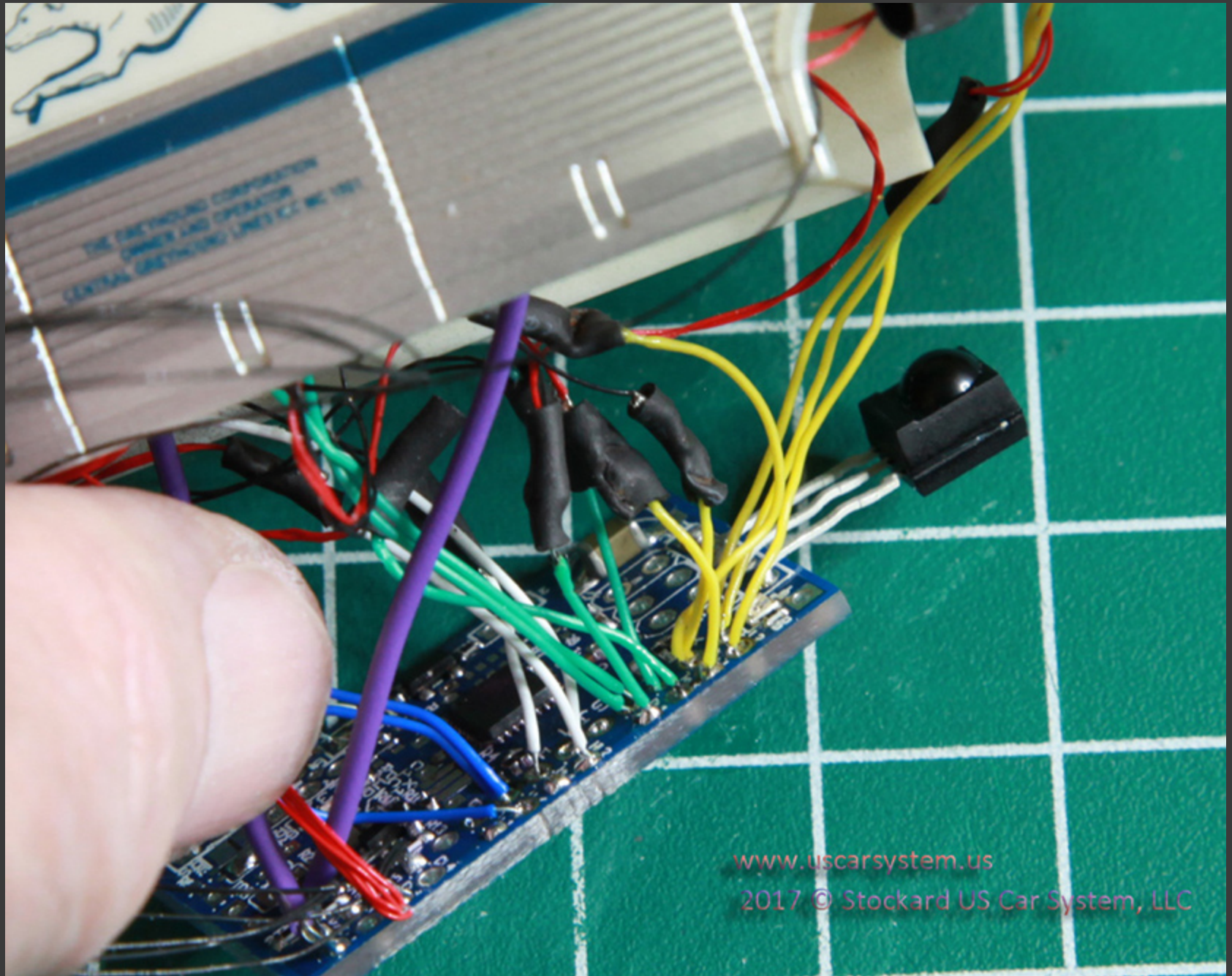




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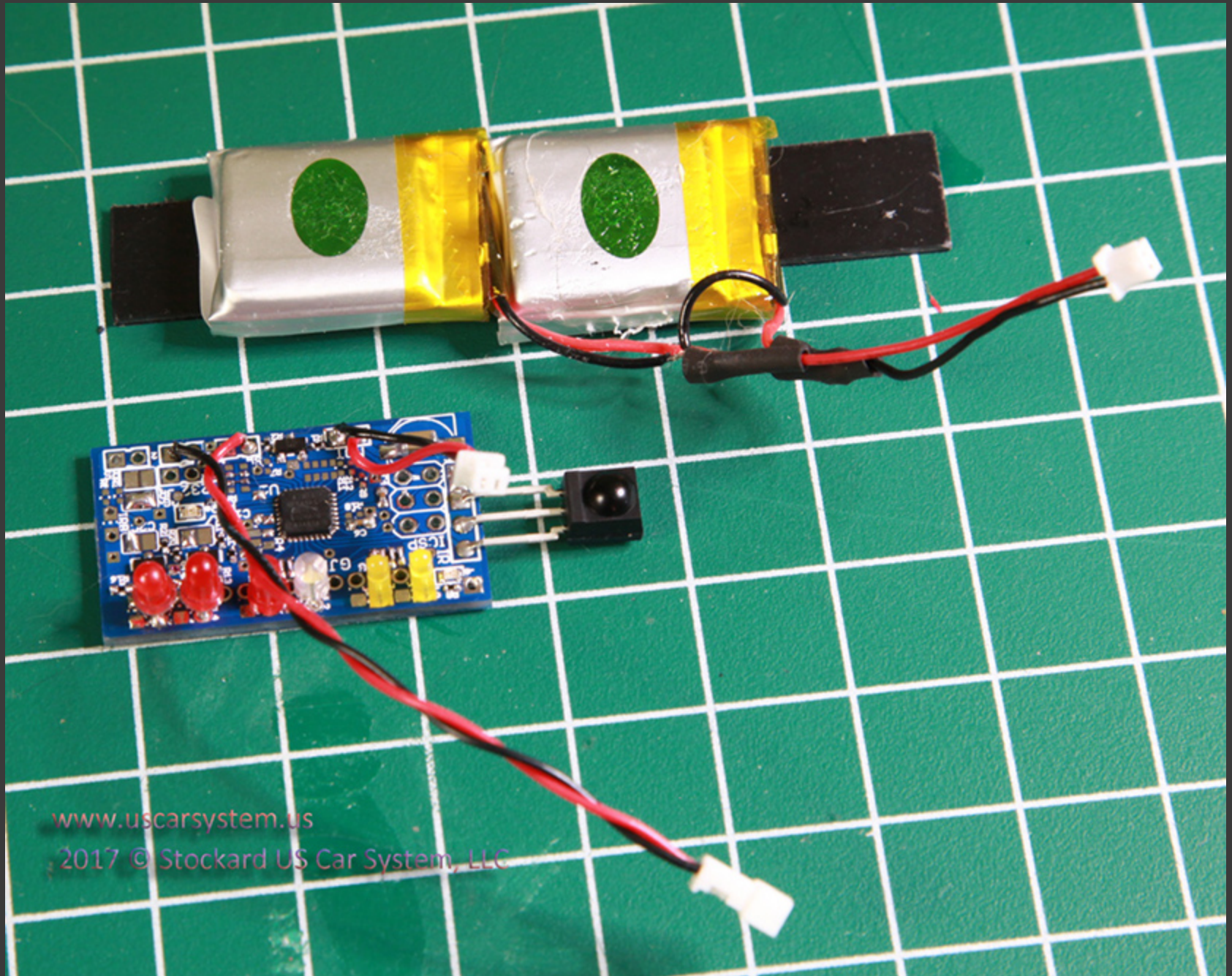




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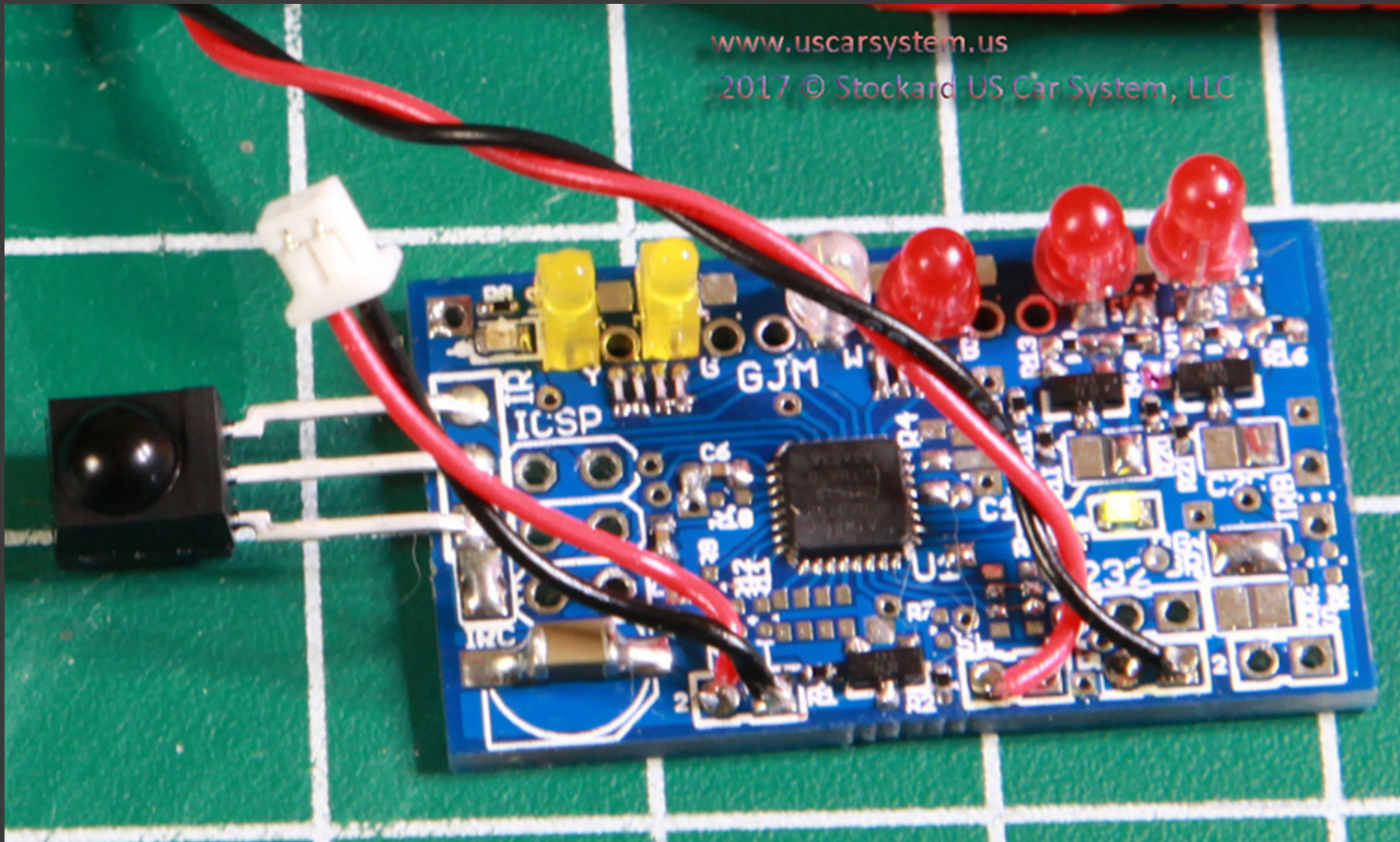




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